

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Any. Docket No. 86808RLO Customer No. 01333		Serial No. 10/633,196	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee		Applicant: Keith B. Kahen, et al			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		Filing Date 01 August 2003		Group 2828	

U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TN	2003/016715	01-23-2003	Furukawa et al			
I	4881236	11-14-1989	Brueck et al			

FOREIGN PATENT DOCUMENTS							
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
TN	02/07235	01-24-2002	WO				X
	0847094	06-10-1998	EP				X
	1333550	08-06-2003	EP				X
	1365490	11-26-2003	EP				X
	1411604	04-21-2004	EP				X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
TN	Hung et al, Recent progress of molecular organic electroluminescent materials and devices, Mater. Sci. and Eng. Reports, vol. 39, No. 5-6, December 2002, pgs. 143-222

EXAMINER <i>Tuom Nguyen</i>	DATE CONSIDERED <i>6/27/05</i>
*EXAMINER: Initial if reference considered, whether or not claimed is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

1/8/03

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Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
TN	"Circular Buried Heterostructure (CBH) GaAlAs/GaAs Surface Emitting Lasers" by Susumu Kinoshita et al., IEEE Journal of Quantum Electronics, Vol. QE 23, No. 6, June 1987
	"Vertical-Cavity Surface Emitting Lasers: Moving from Research to Manufacturing" by Kent D. Choquette, Proceedings of the IEEE, Vol. 85, No. 11, November 1997
	"Vertical-Cavity Surface-Emitting Lasers" by Carl W. Wilmsen, Cambridge University Press, 1999
	"2.5 Gbit/s 100m data transmission using graded-index polymer optical fibre and high-speed laser diode at 650nm wavelength" by T. Ishigure et al., Electronics Letters, 16th march 1995, Vol. 31, No. 6
	"High-efficiency TEM ₀₀ continuous-wave (Al,Ga) as epitaxial surface-emitting lasers and effect of half-wave periodic gain", by P. L. Gourley, et al., Applied Physics Letter 54 (13), March 27, 1989

EXAMINER Tucm. Nays	DATE CONSIDERED 6/27/05
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